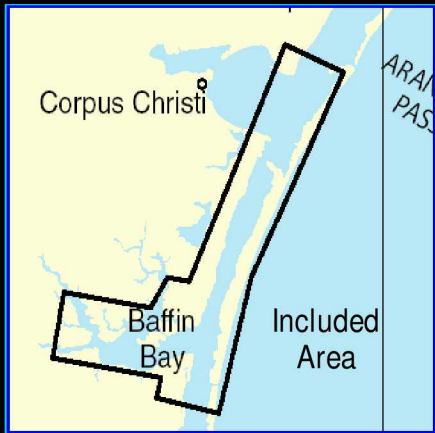


BookletChartTM

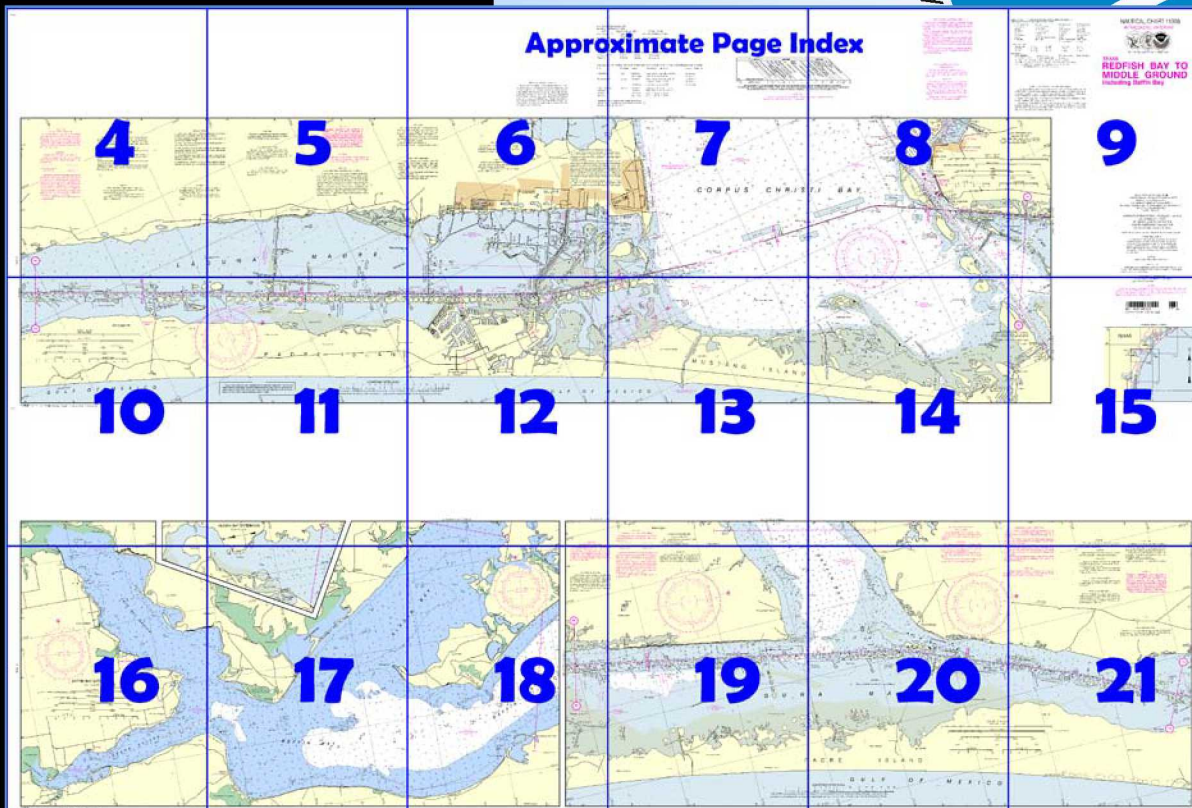
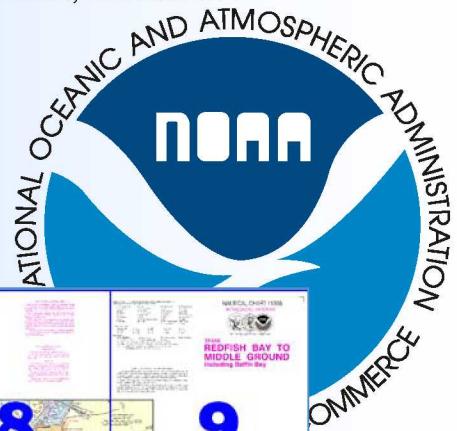
Redfish Bay to Middle Ground

(NOAA Chart 11308)



A reduced scale NOAA nautical chart for small boaters. When possible, use the full size NOAA chart for navigation.

- ✓ Complete, reduced scale nautical chart
- ✓ Print at home for free
- ✓ Convenient size
- ✓ Up to date with all Notices to Mariners
- ✓ United States Coast Pilot excerpts
- ✓ Compiled by NOAA, the nation's chartmaker.



Home Edition (not for sale)



What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

What is a BookletChart™?

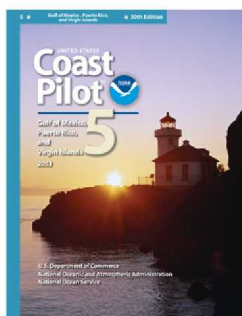
This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at <http://www.NauticalCharts.NOAA.gov>.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.



[Coast Pilot 5, Chapter 12 excerpts]

(437) At Mile 539.5W, the waterway crosses Corpus Christi Channel. The Coast Guard has requested vessels transiting the waterway make a SECURITE call on VHF-FM channel 13 prior to crossing Corpus Christi Channel, particularly during periods of restricted visibility.

(438) Corpus Christi (charts 11309, 11311), 11 miles W of Mile 539.5W, has complete berthing and repair facilities, gasoline, diesel fuel, and marine supplies. Corpus Christi and

other places in Corpus Christi Bay are described in chapter 11.

(439) From the junction with Corpus Christi Channel (Mile 539.5W), the waterway continues S through a landcut and dredged channel to Mile 545.4W in Corpus Christi Bay. Strong currents may be encountered in this cut. From Mile 545.4W, the waterway crosses the open water of

Corpus Christi Bay in a S direction in depths of 12 feet to Laguna Madre. The channel is marked by lights and daybeacons.

(440) At Mile 547.6W, the waterway enters Land Cut and continues through a well-marked channel that extends for about 120 miles through shallow Laguna Madre to Port Isabel.

(441) An overhead power cable crossing the waterway at Mile 550.9W has a clearance of 93 feet.

(442) John F. Kennedy Causeway, extending across Laguna Madre, has a fixed bridge over the waterway with a clearance of 73 feet at Mile 552.7W. Another opening in the causeway, 1.8 miles to the W, has a fixed span with a clearance of 9 feet. An overhead power cable crossing the waterway on the N side of the causeway at Mile 552.7W has a clearance of 91 feet.

Small-craft facilities



(443) Several small-craft facilities are in the area. (See the small-craft facilities tabulation on chart 11308 for services and supplies available.)

(444) Between Miles 552.1W and 562.0W, on both sides of the waterway, are numerous marked and unmarked private channels which lead through an area obstructed by oil wells and pipelines to private petroleum facilities.

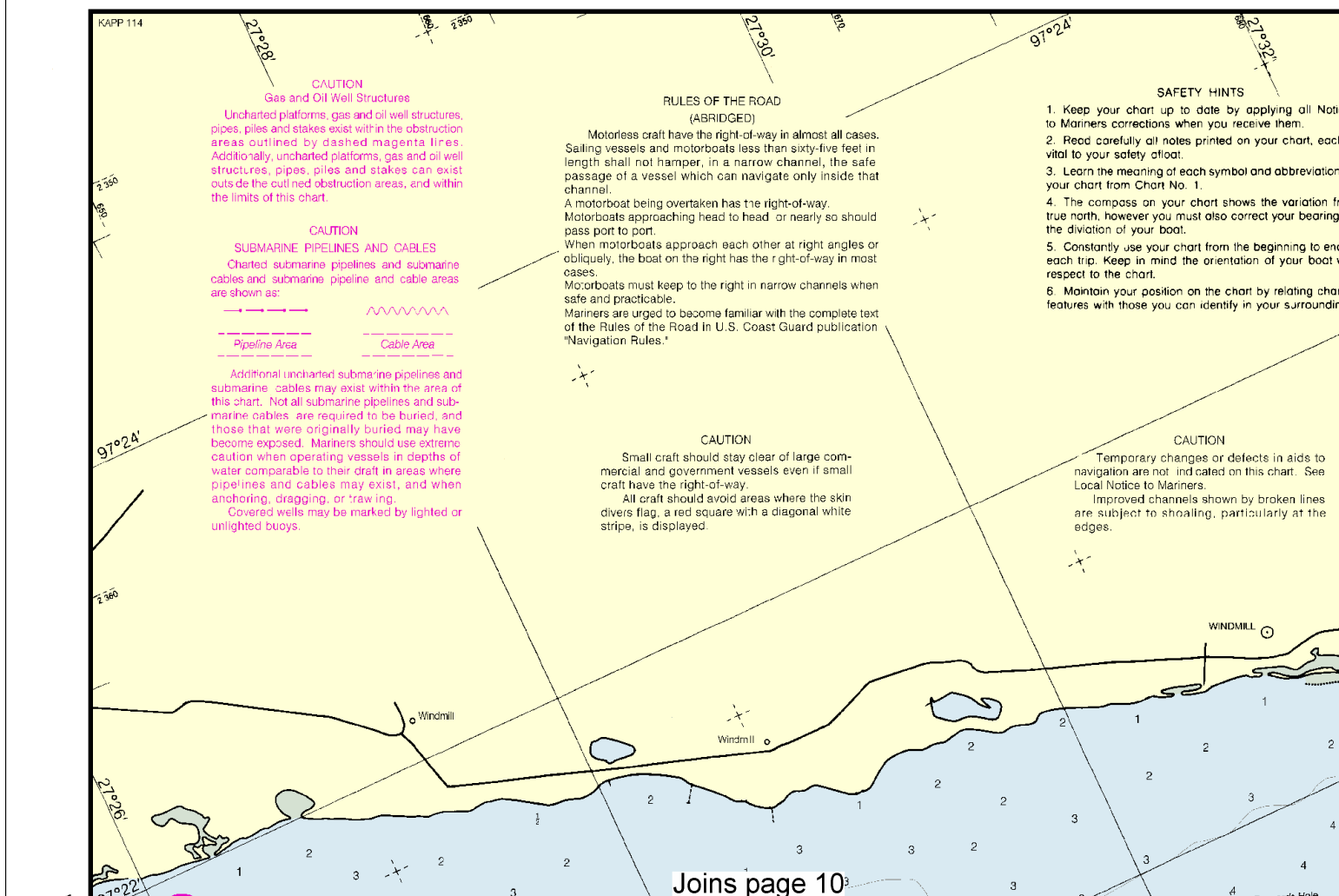
(445) Baffin Bay, extending W from Mile 579.5W, is a commercial and sport fishing area, and the site of oil exploration and drilling. A marked private natural channel with reported depths of 2 feet in August 1982, extends W up Baffin Bay for about 14 miles to a small-craft facility at Riviera Beach on the N side of the entrance to Laguna Salada. Minor services and a launching ramp are available at the facility. Strangers are advised to keep in the marked channel because of the many sunken rocks and other obstructions in the bay. A privately marked natural channel with reported depths of 6 feet in August 1982, extends 4 miles farther up Laguna Salada to a boat basin and boatyard. The boatyard that builds boats can handle craft up to 50 feet or 20 tons using a large trailer for hull and engine repairs. Gasoline, diesel fuel, water, electricity, and a launching ramp are available during daylight.

(446) Between Miles 587.6W and 611.9W, the waterway passes through Land Cut, a long cut in the sand and mud of Laguna Madre. In this stretch, private short oil company side channels extend on either side of the waterway.

Table of Selected Chart Notes

HEIGHTS Heights in feet above Mean High Water.

CAUTION Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.
NOTE A Navigation regulations are published in Chapter 2, U.S. Coast Pilot 5. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 8th Coast Guard District in New Orleans, La., or at the Office of the District Engineer, Corps of Engineers in Galveston, Tx. Refer to charted regulation section numbers.
INTRACOASTAL WATERWAY Project Depths 12 feet Carrabelle, FL to Brownsville, TX. The controlling depths are published periodically in the U.S. Coast Guard Local Notice to Mariners. Distances The Waterway is indicated by a magenta line. Mileage distances shown along the Waterway are in Statute Miles, based on zero at Harvey Lock, LA, and are indicated thus: —●— Tables for converting Statute Miles to International Nautical Miles are given in U.S. Coast Pilot 5. Courses are TRUE and must be CORRECTED for any variation and compass deviation.
CAUTION Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.
All craft should avoid areas where the skin divers flag, a red square with a diagonal white stripe, is displayed.
HORIZONTAL DATUM The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1.119" northward and 0.971" westward to agree with this chart.
CAUTION Gas and Oil Well Structures Uncharted platforms, gas and oil well structures, pipes, piles and stakes exist within the obstruction areas outlined by dashed magenta lines. Additionally, uncharted platforms, gas and oil well structures, pipes, piles and stakes can exist outside the outlined obstruction areas, and within the limits of this chart.
CAUTION SUBMARINE PIPELINES AND CABLES Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:  Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging, or trawling. Covered wells may be marked by lighted or unlighted buoys.
CAUTION Stakes, piles and platforms, some submerged, may exist between charted piling and platforms along the maintained channels. Piles and platforms are not shown where they interfere with a light symbol.
CAUTION Small craft should stay clear of large commercial and government vessels even if small craft have the right-of-way.

CAUTION Survey platforms, signs, pipes, piles, and stakes, some submerged, may exist along the maintained channels. Piles and platforms are not charted where they interfere with a light symbol.
RADAR REFLECTORS Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.
CAUTION Improved channels shown by broken lines are subject to shoaling, particularly at the edges.
NOTE A Navigation regulations are published in Chapter 2, U.S. Coast Pilot 5. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 8th Coast Guard District in New Orleans, La., or at the Office of the District Engineer, Corps of Engineers in Galveston, Tx. Refer to charted regulation section numbers.
CAUTION Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117. Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution. Station positions are shown thus: ○ (Accurate location) ◌ (Approximate location)
CAUTION Gas and Oil Well Structures Uncharted platforms, gas and oil well structures, pipes, piles and stakes exist within the obstruction areas outlined by dashed magenta lines. Additionally, uncharted platforms, gas and oil well structures, pipes, piles and stakes can exist outside the outlined obstruction areas, and within the limits of this chart.
TIDAL INFORMATION In Laguna Madre and adjacent bays the periodic tide has a mean range of less than one-half foot, except near the Gulf Inlets. Water stages vary greatly with weather conditions. Areas that are frequently submerged are shown by a green tint. The broken shoreline symbol represents an approximate mean high waterline.
INTRACOASTAL WATERWAY Project Depths 12 feet Carrabelle, FL to Brownsville, TX. The controlling depths are published periodically in the U.S. Coast Guard Local Notice to Mariners. Distances The Waterway is indicated by a magenta line. Mileage distances shown along the Waterway are in Statute Miles, based on zero at Harvey Lock, LA, and are indicated thus: —●— Tables for converting Statute Miles to International Nautical Miles are given in U.S. Coast Pilot 5. Courses are TRUE and must be CORRECTED for any variation and compass deviation.
RADAR REFLECTORS Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.
RULES OF THE ROAD (ABRIDGED) Motorless craft have the right-of-way in almost all cases. Sailing vessels and motorboats less than sixty-five feet in length shall not hamper, in a narrow channel, the safe passage of a vessel which can navigate only inside that channel. A motorboat being overtaken has the right-of-way. Motorboats approaching head to head or nearly so should pass port to port. When motorboats approach each other at right angles or obliquely, the boat on the right has the right-of-way in most cases. Motorboats must keep to the right in narrow channels when safe and practicable. Mariners are urged to become familiar with the complete text of the Rules of the Road in U.S. Coast Guard publication "Navigation Rules."

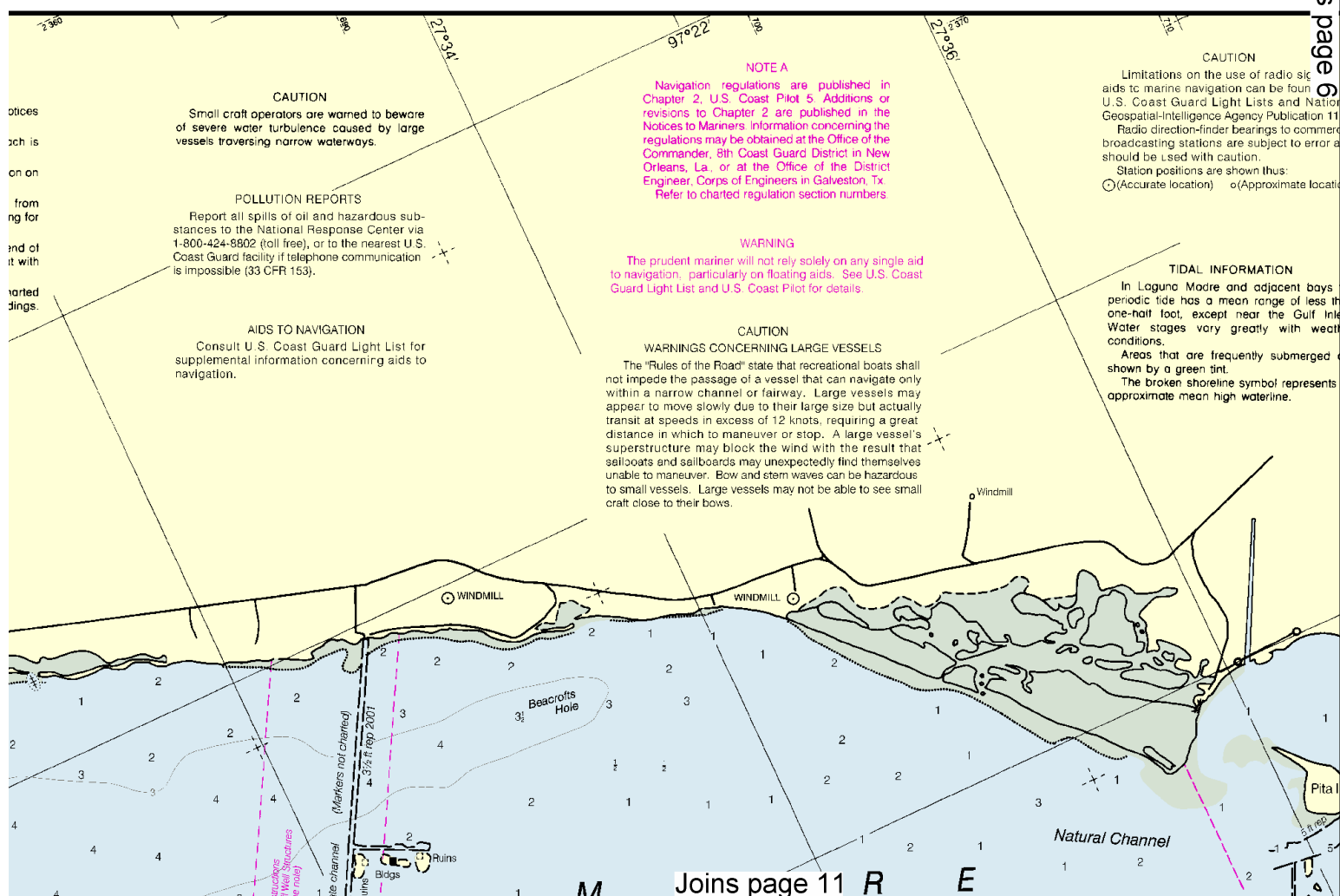


Printed at reduced scale.

SCALE 1:40,000
Nautical Miles

See Note on page 5.





This BookletChart was reduced to 75% of the original chart scale.
The new scale is 1:53333. Barscales have also been reduced and are accurate when used to measure distances in this BookletChart.

*Broadcast on
Distress calls
channel 16 (1

NOAA and its partner, OceanGrafix, offer this chart updated weekly by NOAA for Notices to Mariners and critical correct ons. Charts are printed when ordered using Print-on-Demand technology. New Editions are available 5-8 weeks before their release as traditional NOAA charts. Ask your chart agent about Print-on-Demand charts or contact NOAA at 1-800-584-4883, <http://NauticalCharts.gov>, help@NauticalCharts.gov, or OceanGrafix at 1-877-56CHART, <http://OceanGrafix.com>, or help@OceanGrafix.com.

Joins page 125

See Note on page 5.



6

WEATHER FORECASTS WEATHER SERVICE

TELEPHONE NUMBER OFFICE HOURS

1st, TX (361) 289-0959 8:00 AM-5:00 PM (Mon.-Fri.)

2nd, TX (361) 289-0753

3rd, TX (956) 504-1432 8:00 AM-4:30 PM (Mon.-Fri.)

4th (24 hours daily)

OTHER RADIO BROADCASTS

STATION FREQ. (MHz) BROADCAST TIMES

1st, TX KHB-41 162.55 24 hours daily

2nd, TX WNG-609 162.525 24 hours daily

STATIONS OF MARINE WEATHER FORECASTS AND WARNINGS BY MARINE RADIOTELEPHONE STATIONS

STATION	FREQ.	BROADCAST TIMES-CST	SPECIAL WARNING
1st, TX	NCH	*2670 kHz	4:40, 6:40 & 10:40 AM 4:40 PM
		157.1 MHz	5:00, 11:00 AM 5:00 PM
2nd, TX	NOY-3	*2670 kHz	4:30, 6:30 & 10:30 AM 4:30 PM
		157.1 MHz	4:40 & 6:40 AM 4:40 PM
			5:30 AM 5:00 11:00 PM
3rd, TX	NOY-8	2670 kHz	4:40, 6:40, 10:40 AM 4:40 PM
		2670 kHz	4:40, 6:40, 10:40 AM 4:40 PM
4th, TX		157.1 MHz	5:00, 11:00 AM 5:00 PM
5th, TX		157.1 MHz	5:00, 11:00 AM 5:00 PM

one hour later during Daylight Saving Time

for small craft are made on 2182 kHz or (156.80 MHz) VHF.

DEPTHS	SERVICES	SUPPLIES
APPROACH-DEPTHS	BOAT RENTAL	FOOD LODGING CAMPING
ALONGSIDE-DEPTHS	ELECTRICITY-MOTORING-BERTHS	TOILETS SHOWERS LAUNDRY
CHART SIDE	REPAIRS HULL-MOTOR-RADIO	PUMP-OUT STATION
	LIFT CAPACITY-TONS	WINTER STORAGE
	RAILWAY-DEPTHS	NAUTICAL CHARTS
	CHARTER-HOUSE-KAYAK	
NO SMALL CRAFT FACILITY		
19 JERRY'S PLACE	A 5 4 BM S M	C

THE LOCATIONS OF THE ABOVE PUBLIC MARINE FACILITIES ARE SHOWN ON THE CHART BY MAGENTA

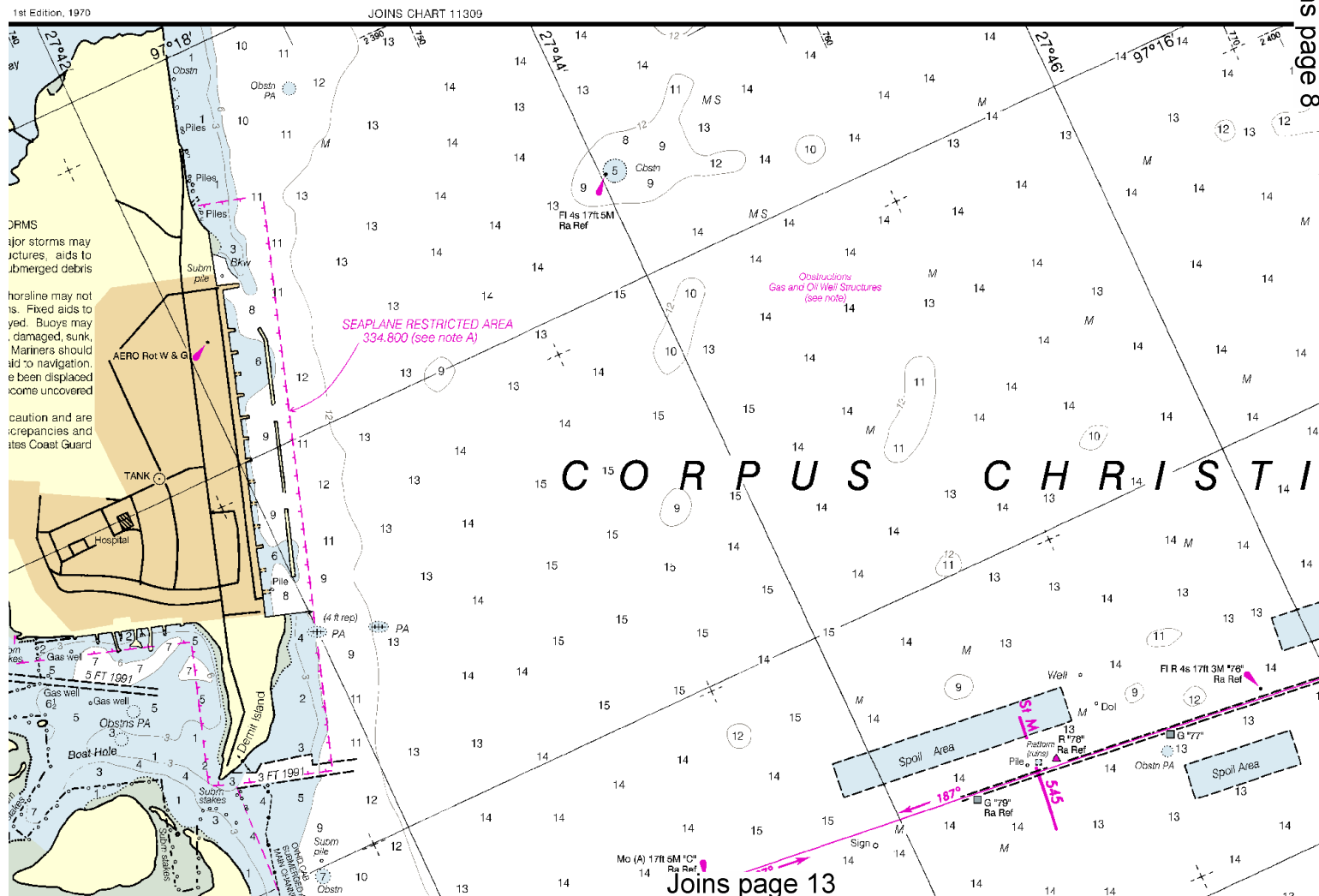
THE TABULATED 'APPROACH-DEPTHS' (REPORTED) IS THE DEPTH AVAILABLE FROM THE NEAREST NATURAL OR

THE TABULATED 'PUMP-OUT STATION' IS DEFINED AS FACILITIES AVAILABLE FOR PUMPING OUT BOAT

FACILITIES

Locations of public marine facilities are shown by large magenta

with leaders and refer to the facility tabulation.



This BookletChart has been updated with: Coast Guard Local Notice To Mariners: 0710 2/16/2010,
 NGA Weekly Notice to Mariners: 0910 2/27/2010,
 Canadian Coast Guard Notice to Mariners: n/a .

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)
Aids to Navigation (lights are white unless otherwise indicated):

AERO aeronautical	G groin	Mo morse code	R TR radio tower
Al alternating	IG interrupted quick	N nun	Rot rotating
B black	ISO isophase	OBSC obscured	s seconds
Bn beacon	IT LHO lighthouse	OC occulting	SEC sector
C can	M nautical mile	Or orange	SM statute miles
DIA diaphone	m minutes	Q quick	VO very quick
F fixed	MICRO TR microwave tower	R red	W white
Fl flashing	Mkr marker	Ra Refl radar reflector	WHIS whistling
		R Bn radiobeacon	Y yellow

Bottom characteristics:

Bld boulders	Co coral	gy gray	Oys oysters	so soft
bk broken	G gravel	h hard	Rk rock	Sh shells
Cy clay	Grs grass	M mud	S sand	sy sticky

Miscellaneous:

AUTH authorized	Obstn obstruction	PD position doubtful	Subm submerged
ED existence doubtful	PA position approximate	Rep reported	
<p>(1) Wreck, rock, obstruction, or shoal swap: clear to the depth indicated. (2) Rocks that cover and uncover, with heights in feet above datum of soundings. COLREGS: International Regulations for Preventing Collisions at Sea, 1972. Demarcation lines are shown thus: - - - - -</p>			

NAUTICAL CHART 11308

INTRACOASTAL WATERWAY



TEXAS REDFISH BAY TO MIDDLE GROUND Including Baffin Bay

PUBLIC BOATING INSTRUCTION PROGRAMS

The United States Power Squadrons (USPS) and U.S. Coast Guard Auxiliary (USCGAUX), national organizations of boatmen, conduct extensive boating instruction programs in communities throughout the United States. For information regarding these educational courses, contact the following sources:

USPS - Local Squadron Commander or USPS Headquarters, 1504 Blue Ridge Road, Raleigh, NC 27607, 888-367-8777

USCGAUX - COMMANDER (OAX), Eighth Coast Guard District, Hale Boggs Federal Building, Suite 1126, 500 Poydras Street, New Orleans, LA 70130, 800-524-8835 or USCG Headquarters, Office of the Chief Director (G-OCX), 2100 Second Street, SW, Washington, DC 20593

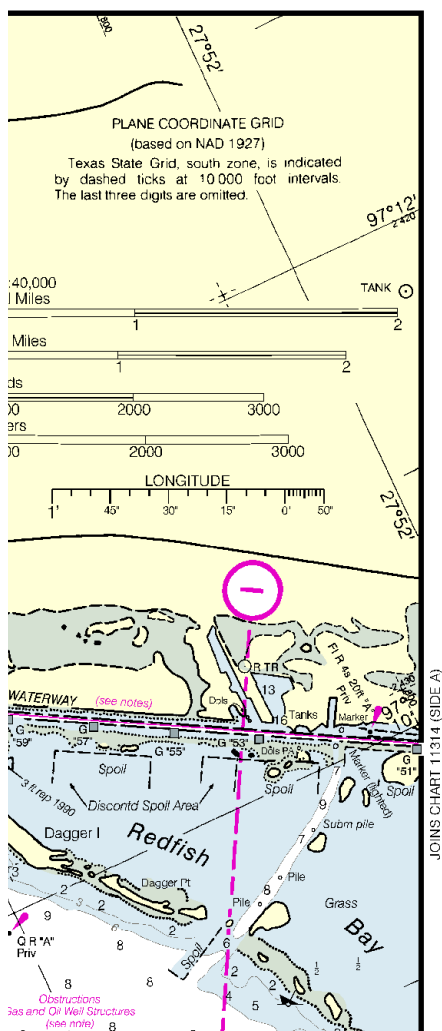


Chart 11308 24th Ed., Sep. /03 ■
Corrected through NM Sep. 27/08, LNM Sep. 23/08
Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

MERCATOR PROJECTION AT SCALE 1:40,000
SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER
NORTH AMERICAN 1983 DATUM
(World Geodetic System of 1984)

Additional information can be obtained at nauticalcharts.noaa.gov.

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System of 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1.119" northward and 0.971" westward to agree with this chart.

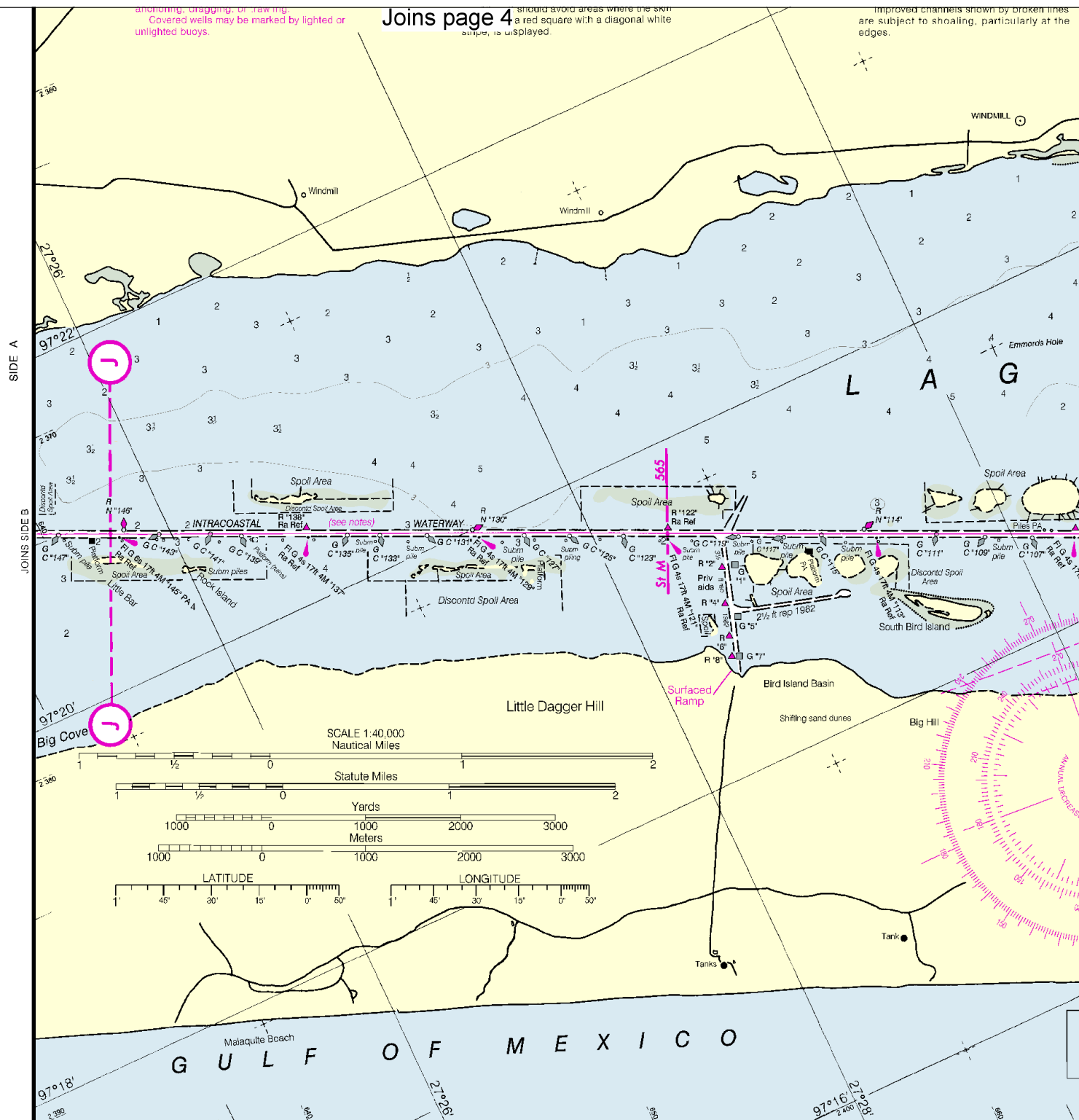
Joins page 15

HEIGHTS

anchoring, dragging, or towing.
Covered wells may be marked by lighted or unlighted buoys.

Joins page 4 should avoid areas where the skin
a red square with a diagonal white
stripe, is displayed.

Improved channels shown by broken lines
are subject to shoaling, particularly at the
edges.



11308 24th Ed., Sep. /08 ■ Corrected through NM Sep. 27/08, LNM Sep. 23/08

Joins page 16

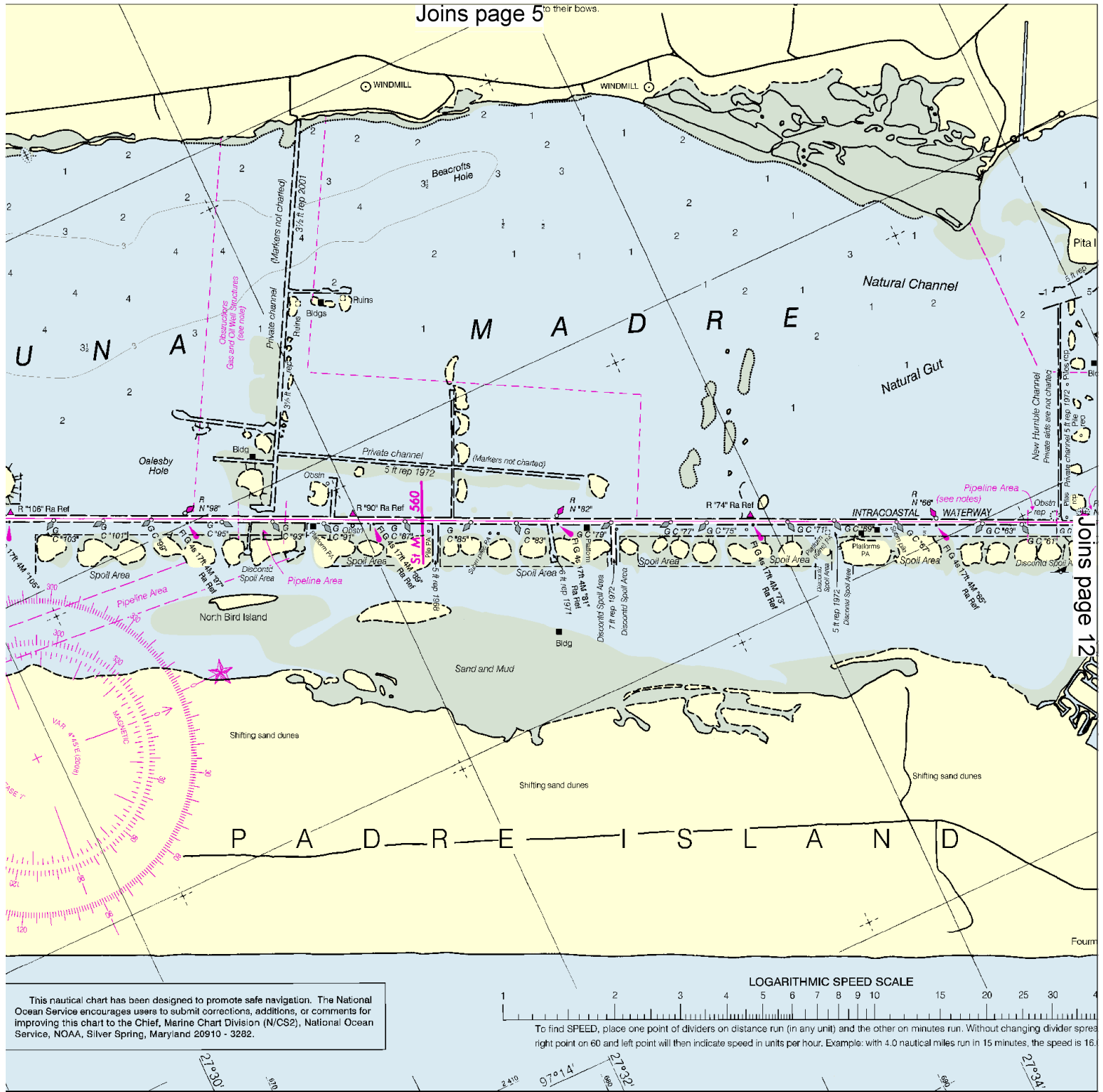
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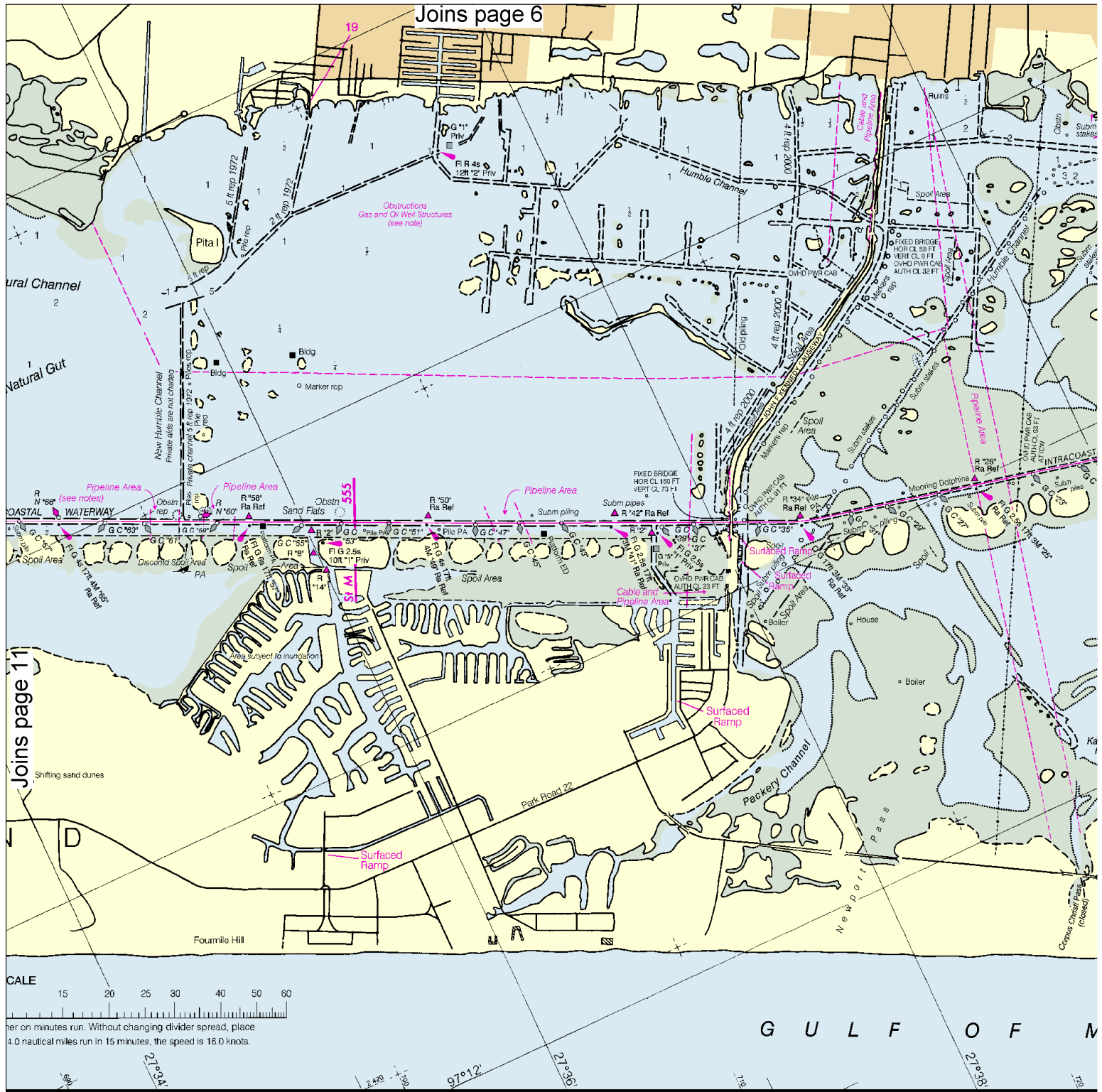
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SCALE 1:40,000
Nautical Miles

See Note on page 5.







Joins page 18

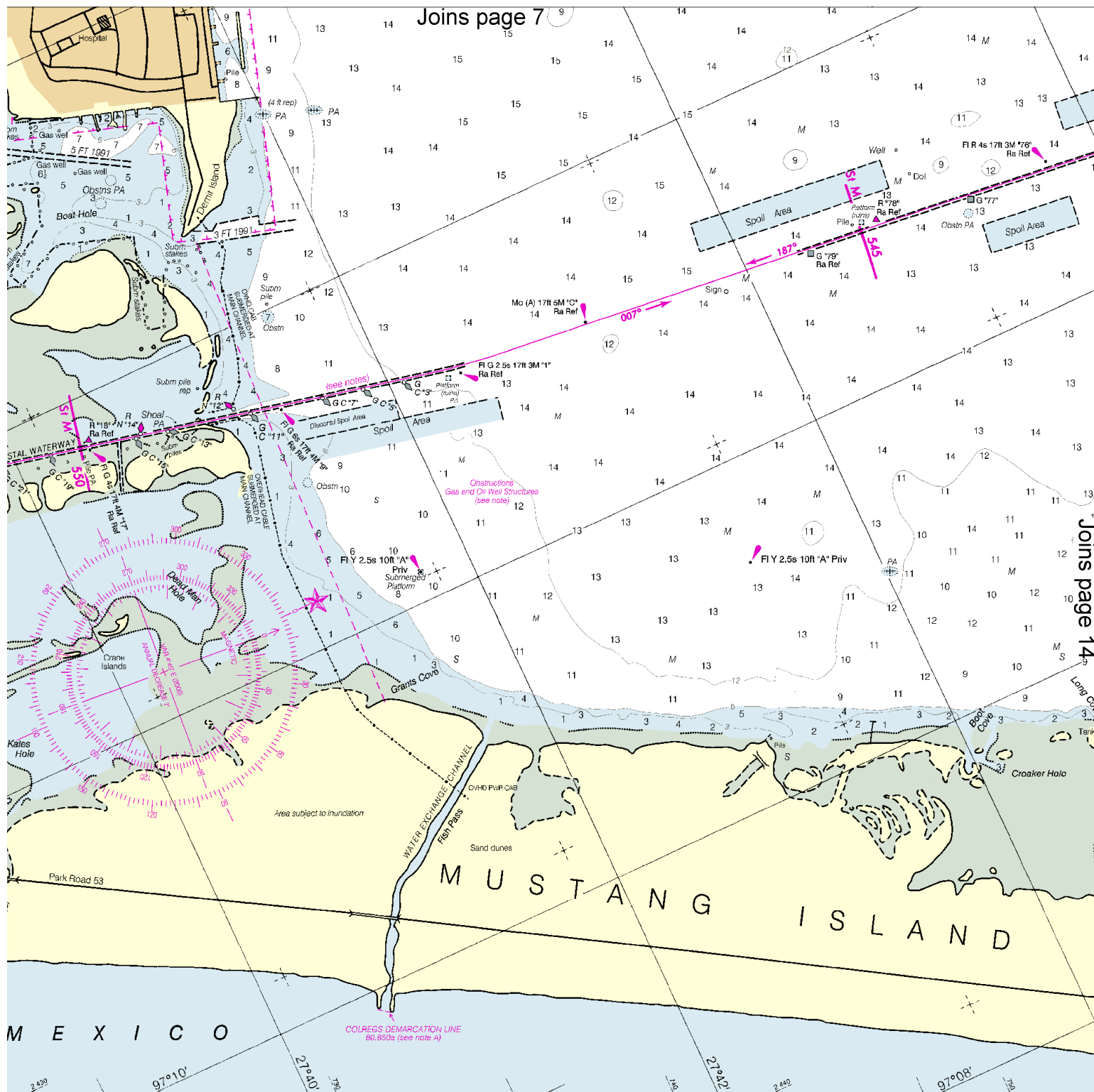
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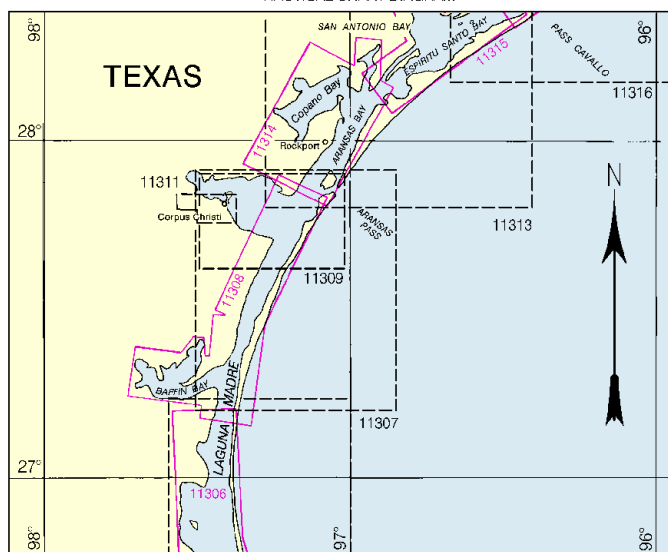
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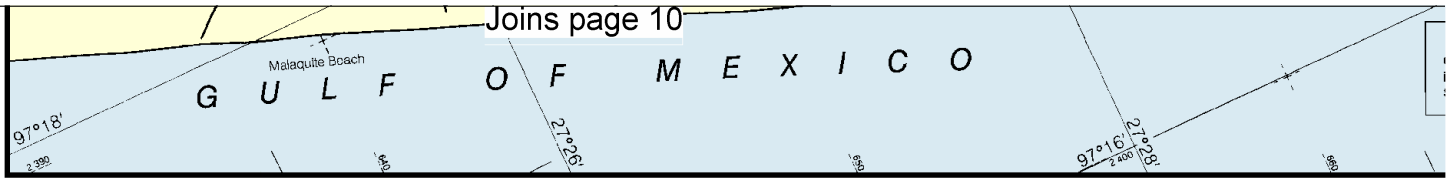
SCALE 1:40,000
Nautical Miles

See Note on page 5.

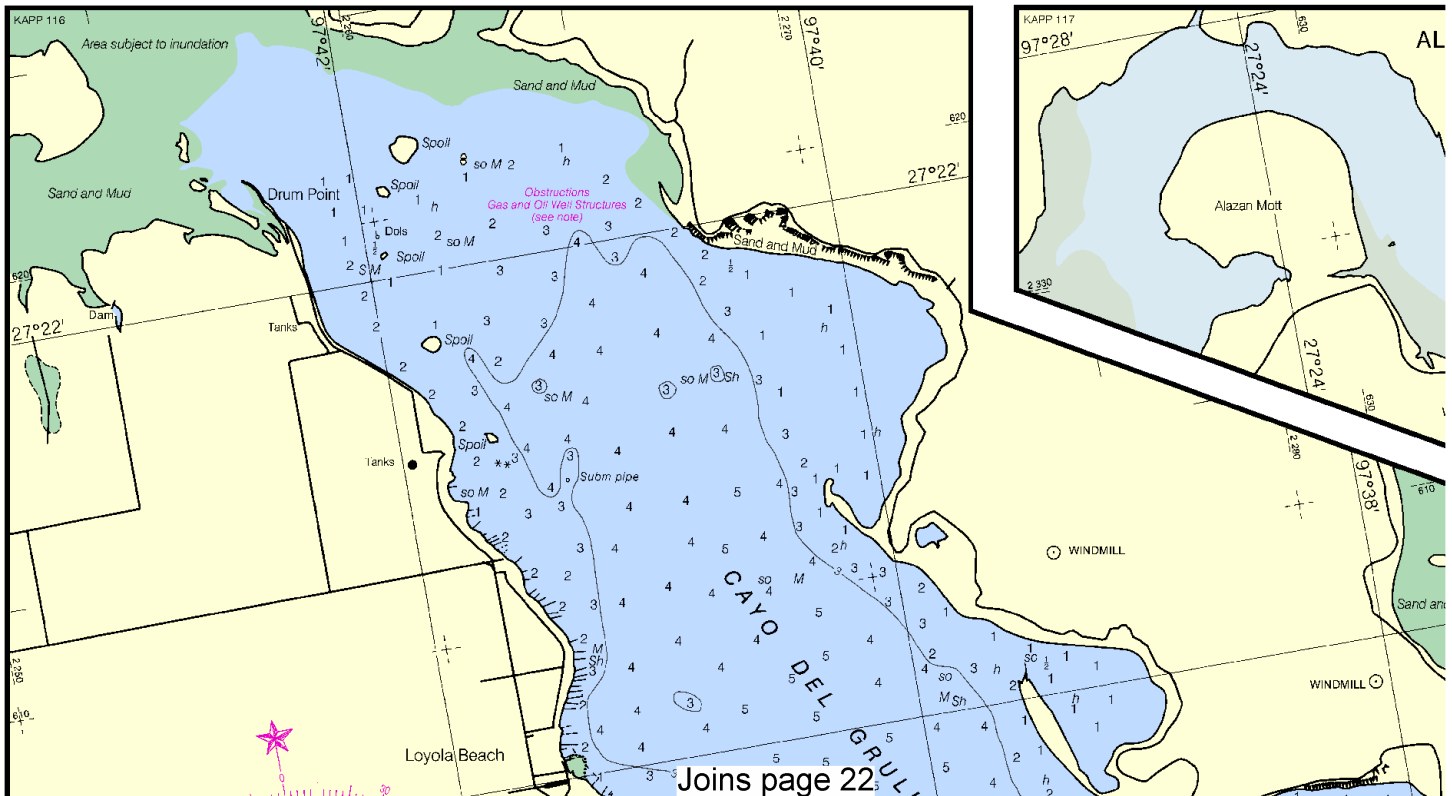








11308 24th Ed., Sep. /08 ■ Corrected through NM Sep. 27/08, LNM Sep. 23/08



16

Printed at reduced scale.

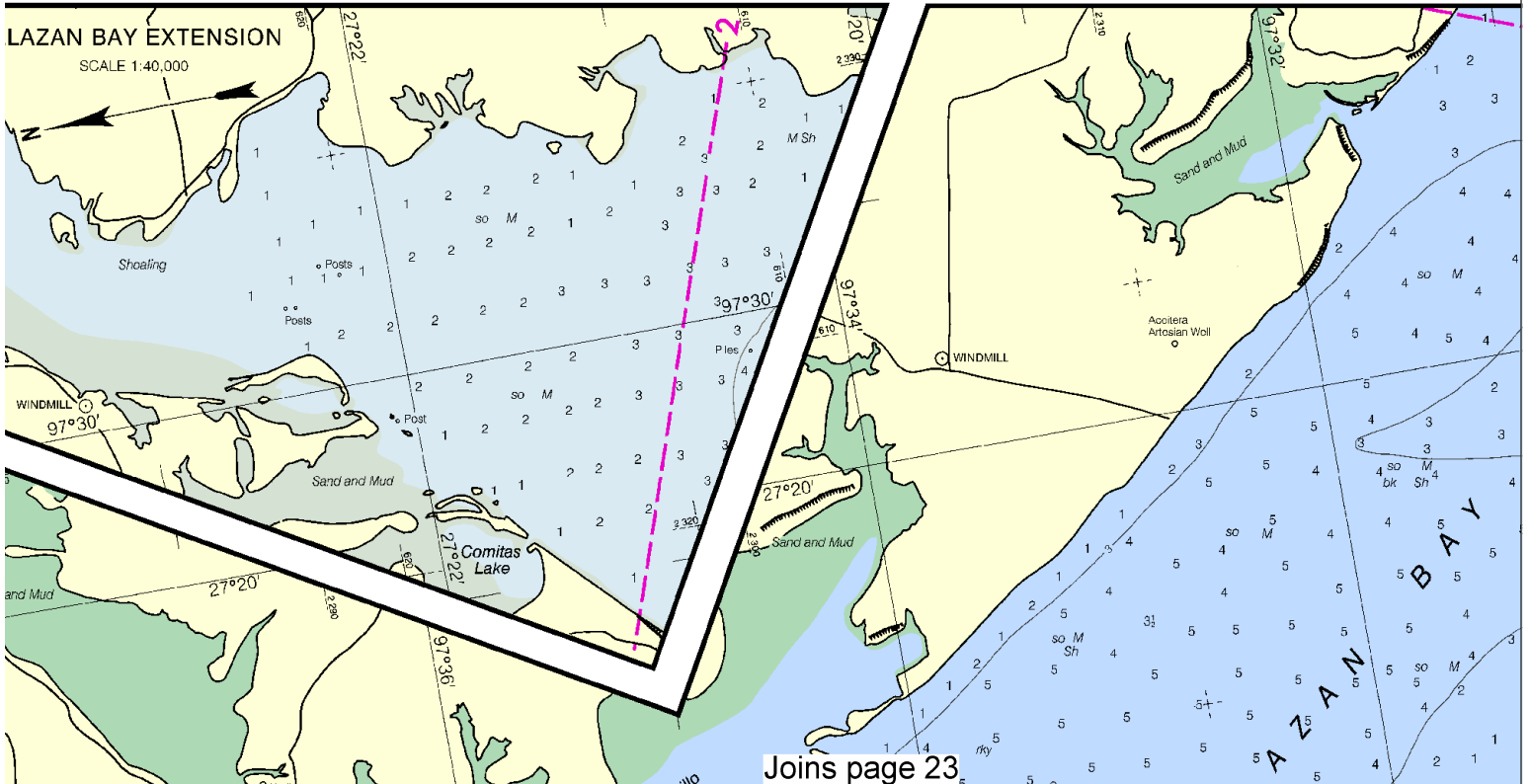
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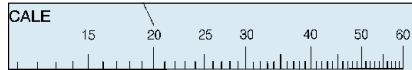
See Note on page 5.



This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910 - 3282.

To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.





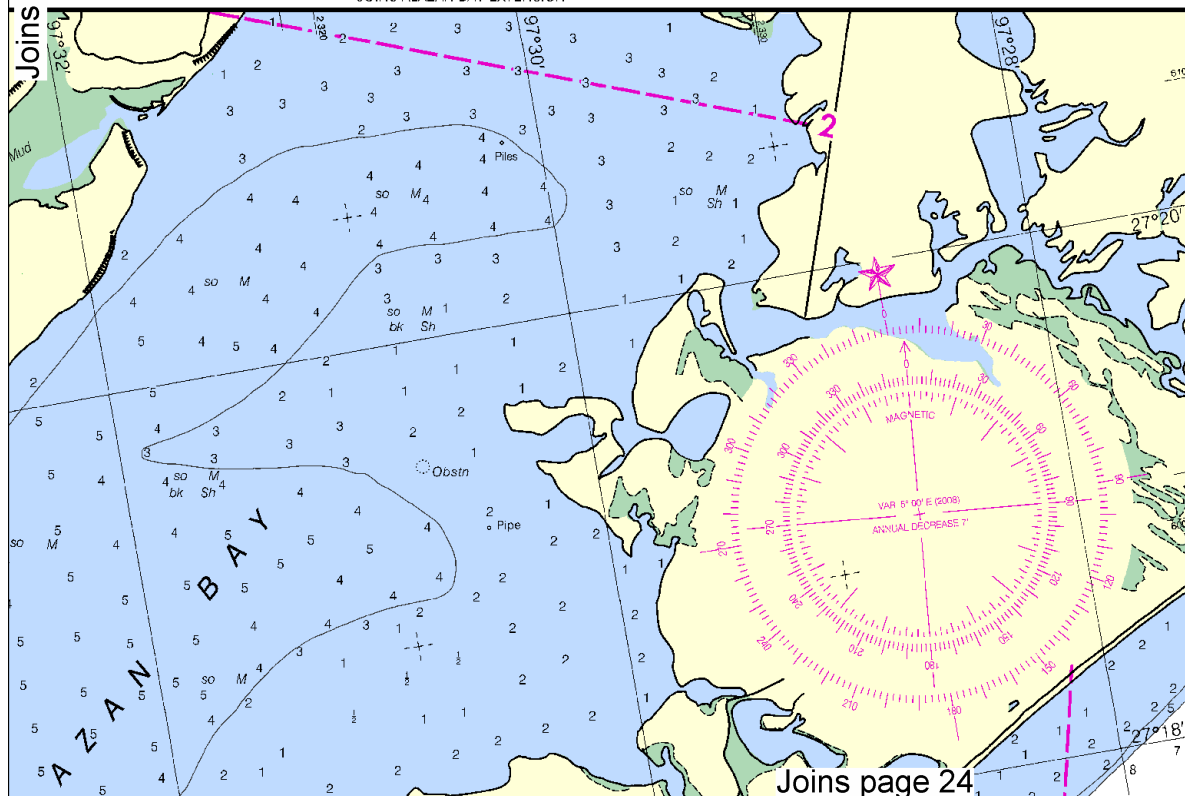
per on minutes run. Without changing divider spread, place
4.0 nautical miles run in 15 minutes, the speed is 16.0 knots.

Joins page 12

G U L F O F M

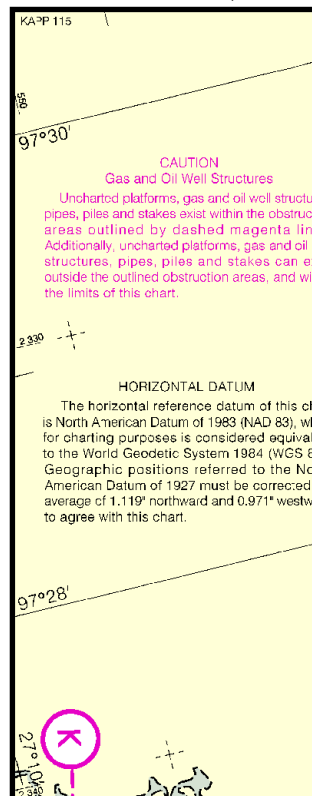
Joins page 17

JOINS ALAZAN BAY EXTENSION



Joins page 24

Formerly 893-SC, 1st Ed



CAUTION
Gas and Oil Well Structures

Uncharted platforms, gas and oil well structure
pipes, piles and stakes exist within the obstructi
areas outlined by dashed magenta line
Additionally, uncharted platforms, gas and oil w
structures, pipes, piles and stakes can exi
outside the outlined obstruction areas, and with
the limits of this chart.

HORIZONTAL DATUM

The horizontal reference datum of this cha
is North American Datum of 1983 (NAD 83), whi
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American Datum of 1927 must be corrected s
average of 1.119' northward and 0.971' westwa
to agree with this chart.

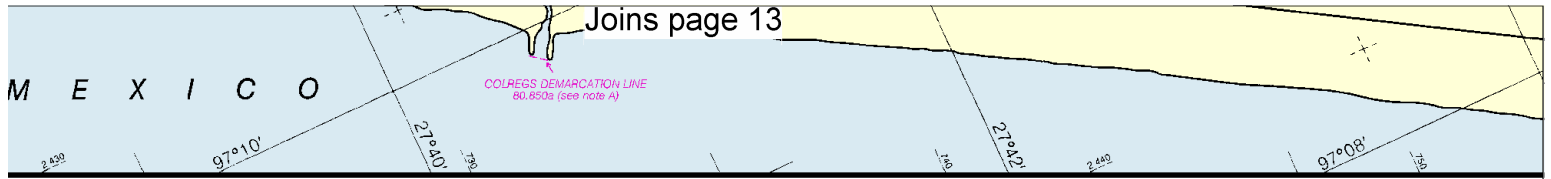
18

Printed at reduced scale.

SCALE 1:40,000
Nautical Miles

See Note on page 5.

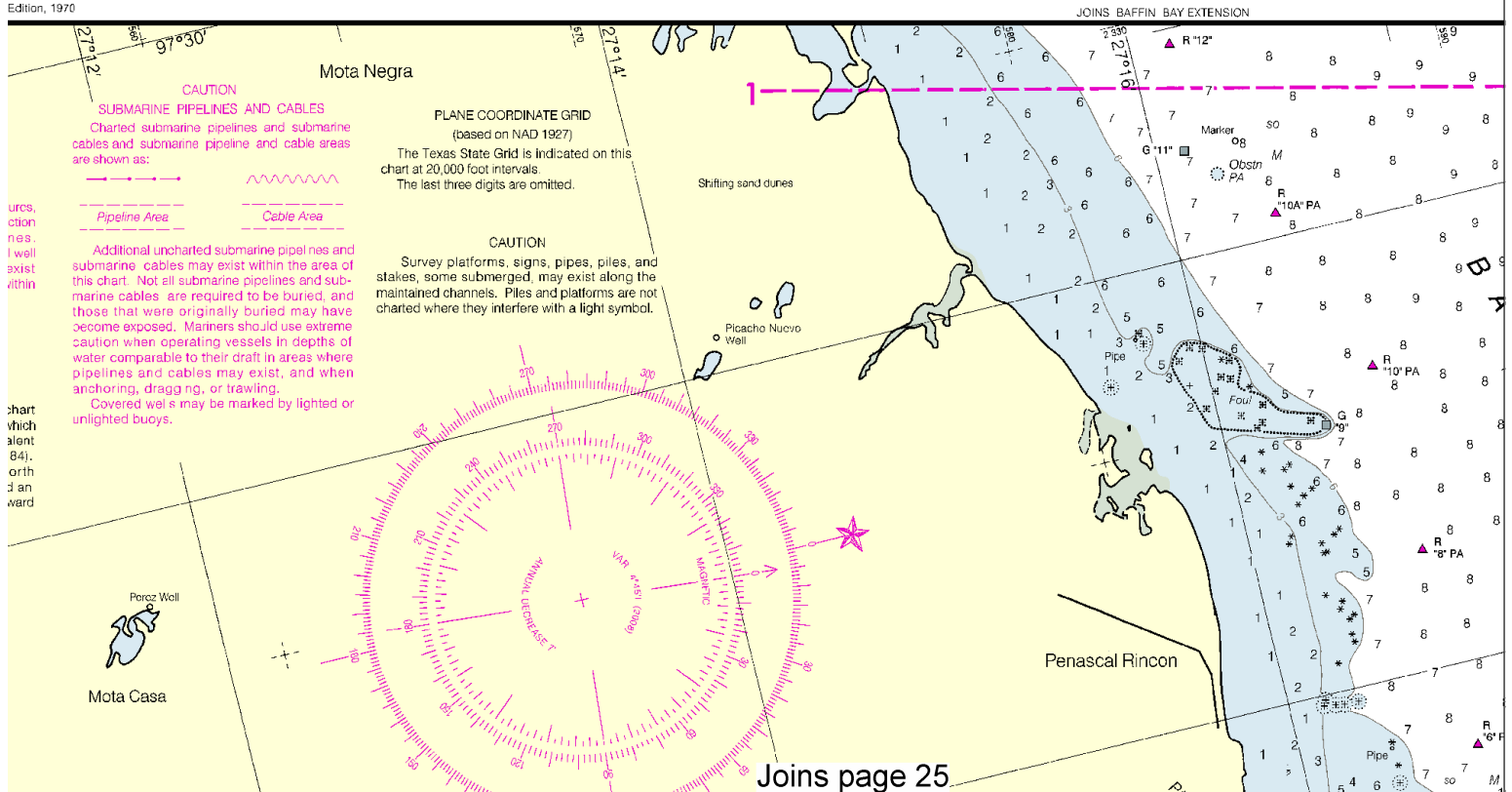




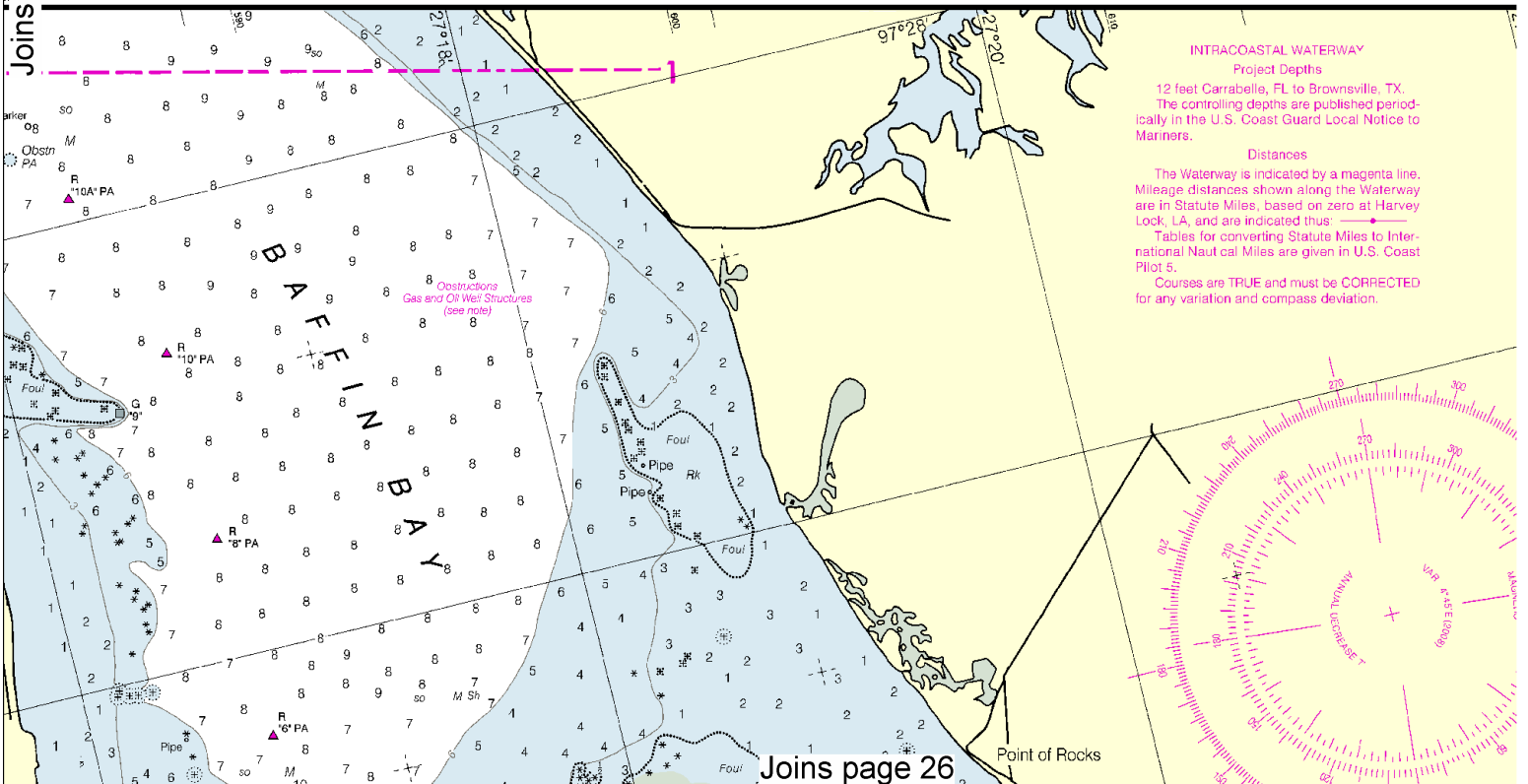
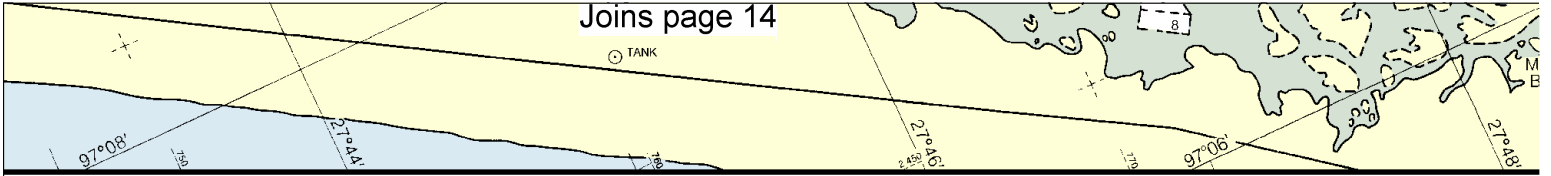
Joins page 13

Joins page 20

Edition, 1970

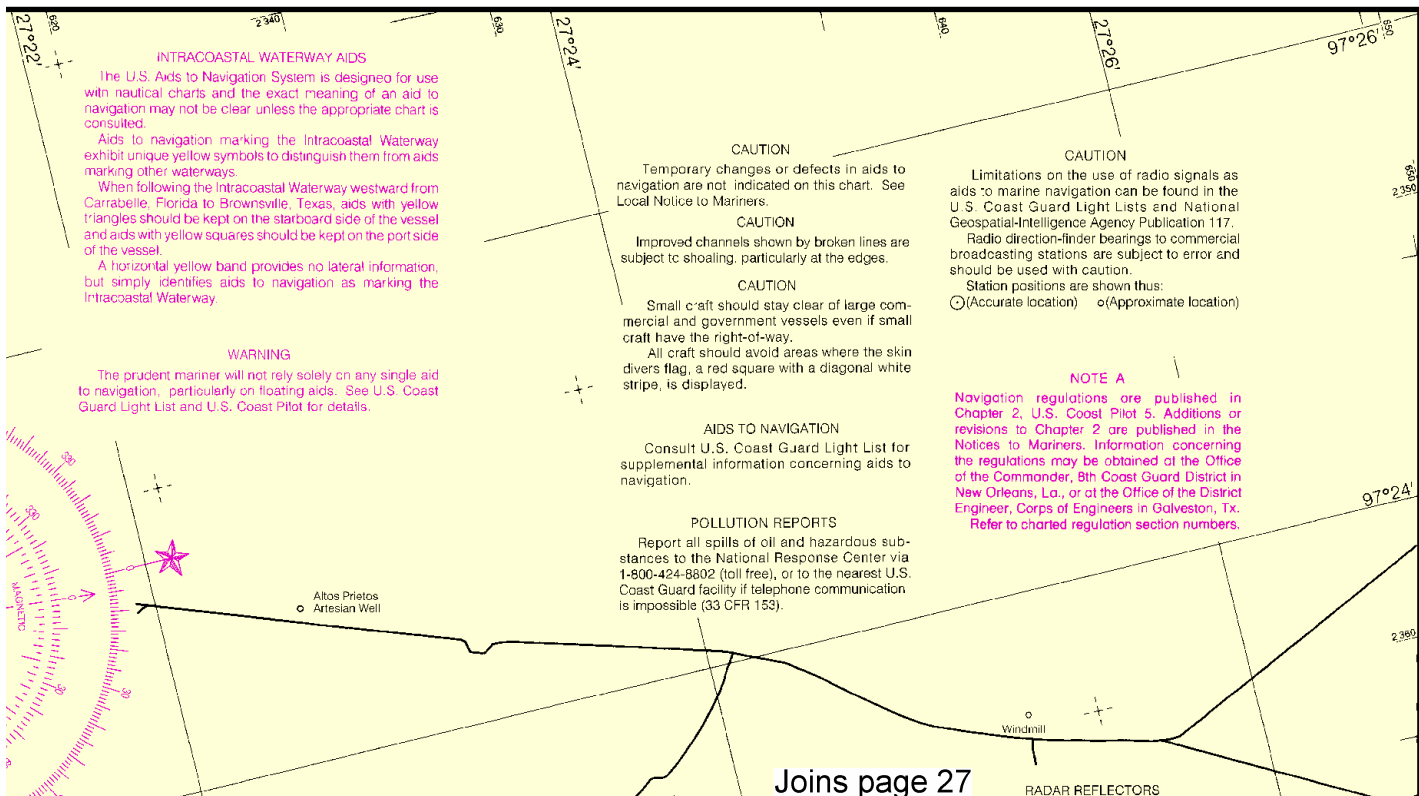
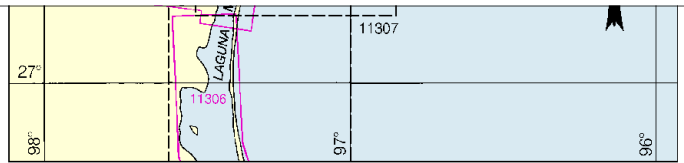


Joins page 25

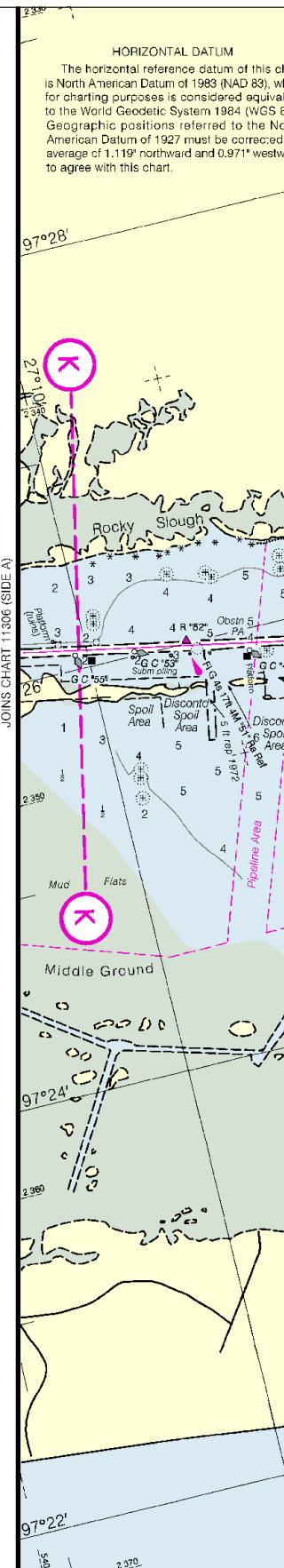
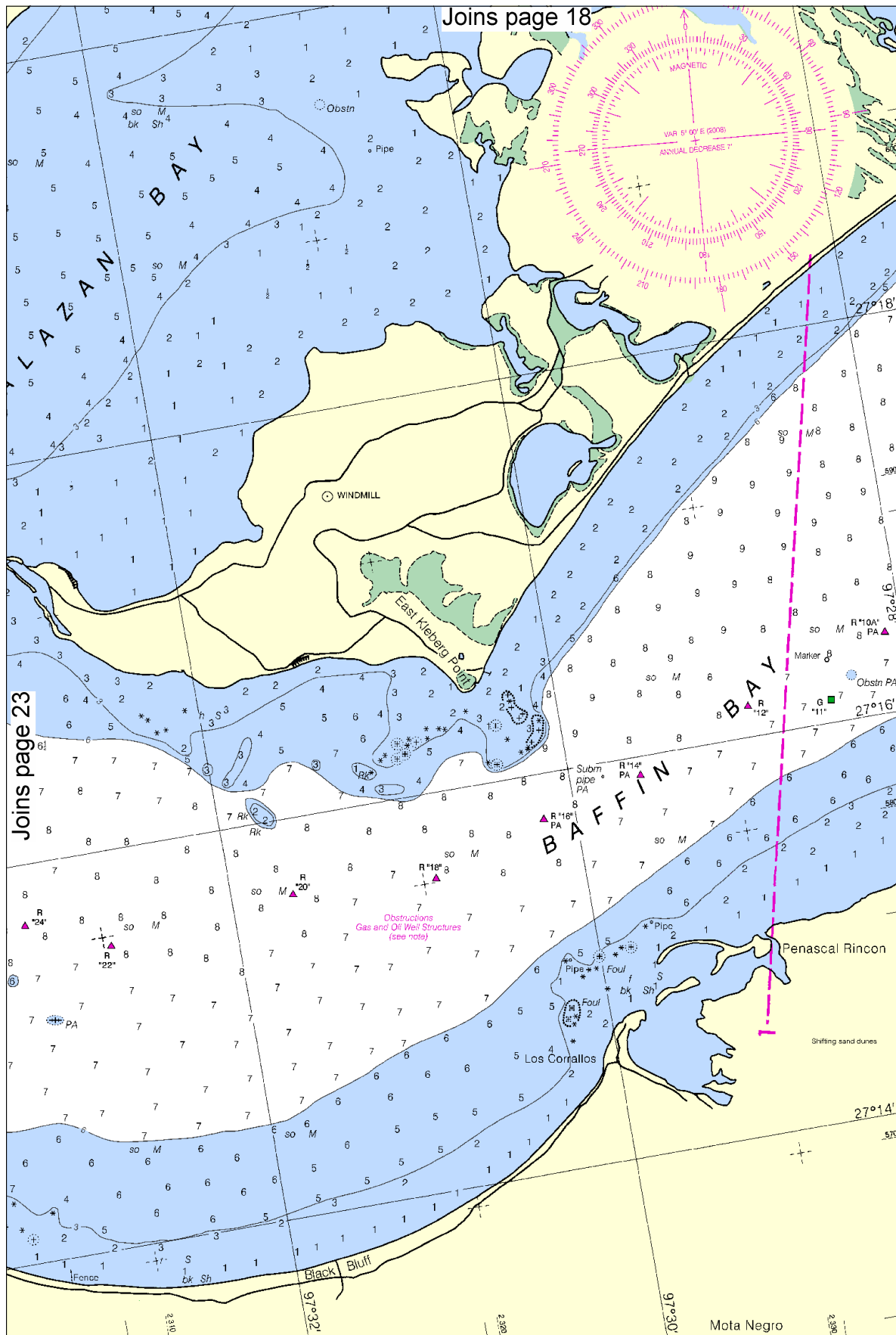




Joins page 15



Joins page 27



[illegible]



~~SCALE 1:40,000~~
Nautical Miles

See Note on page 5.



WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

Joins page 21
In areas where the skin of a buoy or aid to navigation with a diagonal white stripe, is displayed.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

POLLUTION REPORTS

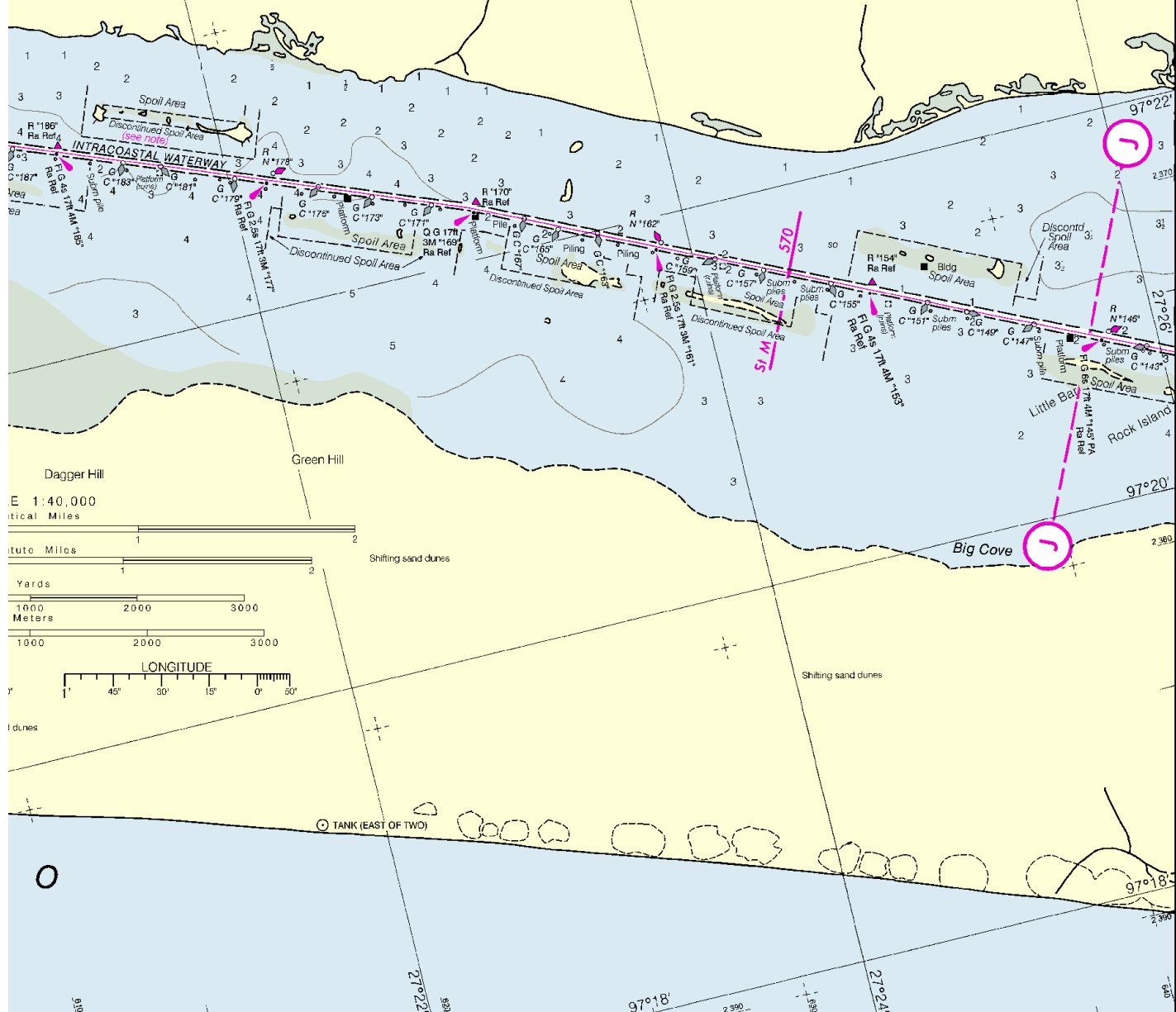
Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 5. Additions or revisions to Chapter 2 are published in the Notices to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 8th Coast Guard District in New Orleans, La., or at the Office of the District Engineer, Corps of Engineers in Galveston, Tx. Refer to charted regulation section numbers.

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.



SIDE B

JOINS SIDE A

11308

EMERGENCY INFORMATION

VHF Marine Radio channels for use on the waterways:

Channel 6 – Inter-ship safety communications.

Channel 9 – Communications between boats and ship-to-coast.

Channel 13 – Navigation purposes at bridges, locks, and harbors.

Channel 16 – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other vessels. Contact the other vessel, agree to another channel, and then switch.

Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.

Channels 68, 69, 71, 72 & 78A – Recreational boat channels.

Distress Call Procedures

1. Make sure radio is on.
2. Select Channel 16.
3. Press/Hold the transmit button.
4. Clearly say: "MAYDAY, MAYDAY, MAYDAY."
5. Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
6. Release transmit button.
7. Wait for 10 seconds – If no response Repeat MAYDAY Call.

HAVE ALL PERSONS PUT ON LIFE JACKETS !!

Mobile Phones – Call 911 for water rescue.

Coast Guard Group Corpus Christi – 361-939-6393

Coast Guard Station Port Aransas– 361-749-5217

Texas Park and Wildlife – 361-289-5566

Coast Guard Atlantic Area Cmd – 757-398-6390

NOAA Weather Radio – 162.400 MHz, 162.425 MHz, 162.450 MHz, 162.475 MHz, 162.500 MHz, 162.525 MHz, 162.550 MHz.

Getting and Giving Help – Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.



NOAA CHARTING PUBLICATIONS

Official NOAA Nautical Charts – NOAA surveys and charts the national and territorial waters of the U.S, including the Great Lakes. We produce over 1,000 traditional nautical charts covering 3.4 million square nautical miles. Carriage of official NOAA charts is mandatory on the commercial ships that carry our commerce. They are used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters. NOAA charts are available from official chart agents listed at: www.NauticalCharts.NOAA.gov.

Official Print-on-Demand Nautical Charts – These full-scale NOAA charts are updated weekly by NOAA for all Notice to Mariner corrections. They have additional information added in the margin to supplement the chart. Print-on-Demand charts meet all federal chart carriage regulations for charts and updating. Produced under a public/private partnership between NOAA and OceanGrafix, LLC, suppliers of these premium charts are listed at www.OceanGrafix.com.

Official Electronic Navigational Charts (NOAA ENC[®]) – ENCs are digital files of each chart's features and their attributes for use in computer-based navigation systems. ENCs comply with standards of the International Hydrographic Organization. ENCs and their updates are available for free from NOAA at www.NauticalCharts.NOAA.gov.

Official Raster Navigational Charts (NOAA RNC[™]) – RNCs are geo-referenced digital pictures of NOAA's charts that are suitable for use in computer-based navigation systems. RNCs comply with standards of the International Hydrographic Organization. RNCs and their updates are available for free from NOAA at www.NauticalCharts.NOAA.gov.

Official BookletCharts[™] – BookletCharts[™] are reduced scale NOAA charts organized in page-sized pieces. The "Home Edition" can be downloaded from NOAA for free and printed. The Internet address is www.NauticalCharts.gov/bookletcharts.

Official PocketCharts[™] – PocketCharts[™] are for beginning recreational boaters to use for planning and locating, but not for real navigation. Measuring a convenient 13" by 19", they have a 1/3 scale chart on one side, and safety, boating, and educational information on the reverse. They can be purchased at retail outlets and on the Internet.

Official U.S. Coast Pilot[®] – The Coast Pilots are 9 text volumes containing information important to navigators such as channel descriptions, port facilities, anchorages, bridge and cable clearances, currents, prominent features, weather, dangers, and Federal Regulations. They supplement the charts and are available from NOAA chart agents or may be downloaded for free at www.NauticalCharts.NOAA.gov.

Official On-Line Chart Viewer – All NOAA nautical charts are viewable here on-line using any Internet browser. Each chart is up-to-date with the most recent Notices to Mariners. Use these on-line charts as a ready reference or planning tool. The Internet address is www.NauticalCharts.gov/viewer.

Official Nautical Chart Catalogs – Large format, regional catalogs are available for free from official chart agents. Page size, state catalogs are posted on the Internet and can be printed at home for free. Go to <http://NauticalCharts.NOAA.gov/mcd/ccatalogs.htm>.

Internet Sites: www.NauticalCharts.NOAA.gov, www.NOAA.gov, www.TidesandCurrents.NOAA.gov, www.NOS.NOAA.gov.